

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
26 May 2005 (26.05.2005)

PCT

(10) International Publication Number  
**WO 2005/047621 A1**

(51) International Patent Classification<sup>7</sup>: **E04G 1/15, 5/08**

(21) International Application Number:  
PCT/NO2004/000338

(22) International Filing Date:  
9 November 2004 (09.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
20035018 12 November 2003 (12.11.2003) NO

(71) Applicant (for all designated States except US): **RH PRODUCTS INTERNATIONAL AS** [NO/NO]; Njords vei 2F, N-4632 Kristiansand (NO).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HEGGLAND,**

Rolf [NO/NO]; Båsefjellveien 14a, N-4656 Hamresanden (NO). **STENGRIMSEN, Frank** [NO/NO]; Sørlibakken 45, N-1473 Skårer (NO).

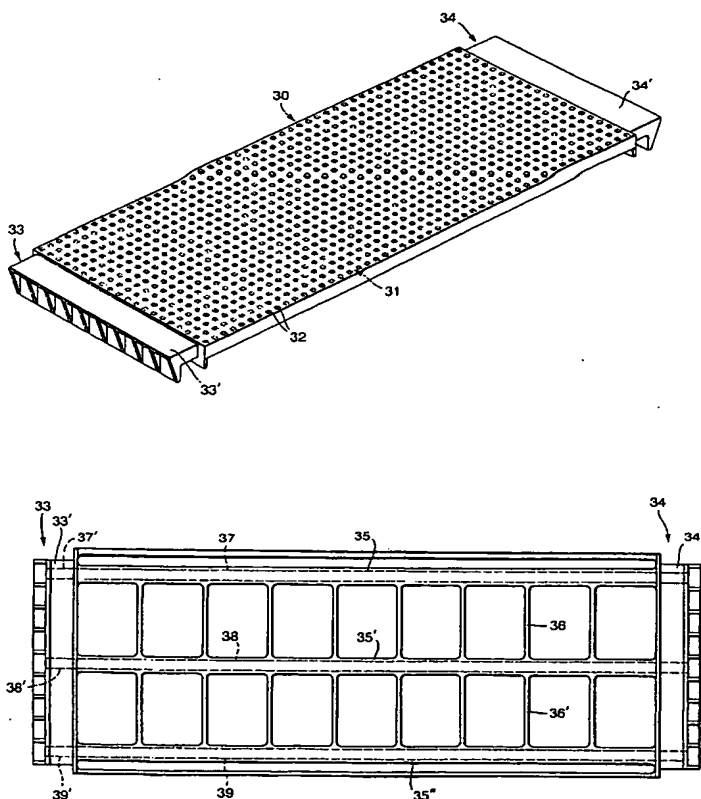
(74) Agent: **LANGFELDT, Jens, F., C.**; Zacco Norway AS, P.O. Box 765, Sentrum, N-0106 Oslo (NO).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: **FLOOR DECK MEMBER FOR SCAFFOLDING**



(57) Abstract: A floor deck member (1; 30) for scaffolding (24), wherein the floor deck member at each end has a mounting area (2, 3; 33, 34) designed to rest on a scaffold beam (25; 26), and downwardly projecting supporting pieces (2', 3'; 33', 34') at each end to limit movement of the floor deck member (1; 30) relative to opposing scaffold beams (25, 26) when these support the floor deck member. The floor deck member has a plurality of elongate reinforcing profiled members (4, 5, 6; 37, 38, 39) which are embedded in longitudinal ribs (7, 8, 9; 35, 35', 35'') on the underside of the floor deck member, wherein support ribs (10, 11; 36, 36') are arranged between adjacent ribs (7, 8, 9; 35, 35', 35''). A walk surface (12, 31, 32), the ribs (7, 8, 9; 35, 35', 35'') and the support ribs (10, 11; 36, 36') are unitarily made of a composite plastic material, the respective end portions (4', 5', 6; 37', 38', 39') of said profiled members (4, 5, 6; 37, 38, 39) forming said mounting area when bearing against respective ones of the opposing scaffold beams (25; 26).



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*